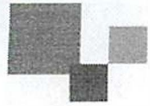


# MATERIAL CERTIFICATION



**NIAGARA**  
SPECIALTY METALS

12600 Clarence Center Road  
Akron, NY 14001  
716-542-5552  
716-542-5555  
Email: nsm@nsm-ny.com

**Customer:** NJ STEEL BARON

**Date of shipment:** 09/08/2020

**NJSB TAG NO.** 554

**Production Order:** 128759

**Current Heat Number:** NP69653

**Description:** CPM M-4 HRA DESCALED SHEARED SHEET  
.140/.156 x 24/25" RW x 36.000" Ex. - **Heat# NP69653**

**Grade:** CPM M-4


Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Federal ID #: 16-1179936

*Robert Shabala*

Robert Shabala

We provide material that is free from mercury contamination and radiation at the time of shipment. No weld repair is done. We are compliant with EU directive 2002/95/EC (ROHS), REACH, EN 10204 2004 3.1 and DFARS 252.225.7001,7002,7008,7009. Material is melted and manufactured in North America.

### Chemistry Analysis

<b>NSM Heat Number:</b> NP69653	<b>Hardness:</b> <input type="text"/>
<b>Carbon:</b> <input type="text" value="1.410"/> <b>Manganese:</b> <input type="text" value="0.330"/>	<b>Phosphorus:</b> <input type="text" value="0.019"/> <b>Copper:</b> <input type="text"/>
<b>Silicon:</b> <input type="text" value="0.560"/> <b>Chromium:</b> <input type="text" value="4.000"/>	<b>Vanadium:</b> <input type="text" value="3.890"/> <b>Niobium:</b> <input type="text"/>
<b>Cobalt:</b> <input type="text" value="0.060"/> <b>Molybdenum:</b> <input type="text" value="5.190"/>	<b>Nickel:</b> <input type="text"/> <b>Nitrogen:</b> <input type="text"/>
<b>Sulphur:</b> <input type="text" value="0.060"/> <b>Tungsten:</b> <input type="text" value="5.490"/>	<b>Titanium:</b> <input type="text"/> <b>Aluminum:</b> <input type="text"/>

### Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Federal ID #: 16-1179936